321

Alewife

Station	Date	length (mm)	weight (g)	sex	scales	Age	spawning marks		#
2273	4/3/73	213	138	♀ I	—	—	—		217
"	"	210	139	♂	—	—	—		218
"	"	207	111	♀ I	—	—	—		219
"	"	244	190	♀ I	—	—	—		220
"	"	228	200	♀ III	—	—	—		221
"	"	190	92	♀ I	—	—	—		222
"	"	209	125	♀ I	—	—	—		223
"	"	220	160	♀ I	—	—	—		224
"	"	198	109	♂	—	—	—		225
"	"	193	104	♀ I	—	—	—		226
"	"	207	126	♂	—	—	—		227
"	"	216	140	♂	✓	4A+=5	0		228
2272	4/3/73	244	200	♂	✓ 2nd	4A+=5	0		229
"	"	221	165	♂	✓	3A-1st=5	1		230
"	"	230	194	♀ III	✓	4A+=5	0		231
"	"	261	259	♀ II	✓	5A+=6	0		232
"	"	243	195	♂	✓	3A-1S=5	1		233
"	"	238	202	♂	✓	undecipherable	—		234
"	"	246	180	♀ II	✓	4A+=5	0		235
"	"	245	210	♂	✓		—		236
"	"	221	168	♀ II	—	—	—		237
"	"	272	210	♀ I	✓				238
"	"	250	232	♀ II	✓				239
"	"	258	228	♀ I	✓				240
"	"	226	180	♀ II	✓				241
"	"	215	137	♀ I	—	—	—		242
"	"	220	165	♂	✓				243
"	"	219	166	♂	—	—	—		244
"	"	213	165	♂	—	—	—		245
"	"	205	116	♂	✓				246
2271	4/3/73	246	198	♂	—	—	—		247
"	"	213	144	♂	—	—	—		248
"	"	224	150	♀ I	—	—	—		249
"	"	215	135	♂	✓				250
"	"	228	160	♂	—	—	—		251
"	"	296	350	♀ II	✓				252
"	"	300	350	♂ V	✓				253
"	"	213	144	♂	—	—	—		254
"	"	251	235	♂	✓				255
"	"	170	225	♂	—	—	—		256
"	"	215	143	♀ I	—	—	—		257
"	"	204	120	♂	—	—	—		258
"	"	233	219	♀ III	✓				259
"	"	215	139	♂	✓				260
"	"	221	149	♀ I	—	—	—		261
"	"	236	199	♀ II	—	—	—		262
"	"	208	133	♂	—	—	—		263
"	"	215	150	♀ I	—	—	—		264
2274	4/4/73	240	191	♂	✓				265
"	"	256	198	♂	✓				266
"	"	232	180	♂	✓				267
"	"	216	142	♂	—	—	—		268
"	"								269
									270

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Blue back Herring

STATION	DATE	length (mm)	weight (g)	sex	scales	Age	Spawning marks	#
2250 ✓	3/16/73	254	254	♀ II	—	—	—	487
"	"	244	212	♀ II	✓	unreadable	—	488
"	"	248	212	♂	—	—	—	489
"	"	234	193	♂	—	—	—	490
"	"	222	174	♂	✓	4A+=5	0	491
"	"	221	146	♂	—	—	—	492
"	"	148	228	♂	—	—	—	493
"	"	242	220	♂	✓	4A-1S+=6	1	494
"	"	236	197	♂	—	—	—	495
"	"	240	201	♀ II	—	—	—	496
"	"	230	180	♂	—	—	—	497
"	"	230	160	♂	—	—	—	498
"	"	273	320	♀ II	—	—	—	499
"	"	247	234	♂	✓	4A-1S+=6	1	500
"	"	255	249	♀ III	✓	unreadable	—	501
"	"	246	228	♀ III	✓	4A-1S+=6	1	502
2222 ✓	3/9/73	225	177	♂	✓	3A+=4	0	503
"	"	280	301	♀ II	✓	unreadable	—	504
"	"	226	181	♂	✓	4A+=5	0	505
"	"	254	257	♀ II	✓	unreadable	—	506
"	"	224	167	♂	✓	5A+=6	—	507
"	"	262	285	♀ III	✓	4A-2S+=7 ✓	2	508
"	"	257	259	♀ II	✓	4A-2S+=7	2	509
"	"	236	222	♂	✓	4A-1S+=6	1 ✓	510
"	"	235	191	♂	✓	4A-1S=6	1	511
"	"	253	262	♀ II	✓	4A-2S+=7	2	512
2217 ✓	3/8/73	257	264	♂	✓	unreadable	—	513
"	"	230	201	♂	✓	4A+=5	0	514
"	"	238	226	♂	✓	unreadable	—	515
"	"	270	299	♀ III	✓	No scales	—	516
2219 ✓	3/8/73	250	267	♂	✓	unreadable	—	517
"	"	250	272	♀ II	✓	4A-1S+=6	1	518
"	"	243	241	♂	✓	unreadable	—	519
"	"	220	158	♂	✓	unreadable		520
"	"	228	184	♂	✓	3A+=4	0	521
2272 ✓	4/3/73	272	310	♀ III	✓	4A-3S+=8	3	522
"	"	240	205	♂	✓	5A+=6	0	523
"	"	251	212	♂	✓	4A-1S+=6	1	524
"	"	260	280	♀ III	✓	4A-3S+=8	3	525
"	"	268	300	♀ III	✓	5A-4S+=8	4	526
"	"	236	185	♂	✓	4A-1S+=6	1	527
"	"	230	180	♂	✓	4A+=5	0	528
"	"	246	218	♀ III	✓	4A-1S+=6	1	529
"	"	235	216	♂	✓	3A-2S+=6	2	530
"	"	287	362	♀ III	✓	3A-5S+=9	5	531
"	"	277	298	♀ II	✓	4A-2S+=7	2	532
"	"	280	332	♂	✓	4A-3S+=8	3	533
2273 ✓	4/3/73	113	17	♀ Im	✓	1A+=2	0	534
"	"	114	18	♀ ? Im	✓	1A+=2	0	535
"	"	125	22	♀ Im	✓	1A+=2	0	536
"	"	150	39	♀ Im	✓	2A+=3	0	537
2271 ✓	4/3/73	257	226	♀ II	✓	unreadable	—	538
"	"	258	257	♀ II	✓	4A-2S+=7	2	539
2274 ✓	4/4/73	240	179	♂	✓	5A-3S+=9	3	540

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R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO.	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2271	032	04	03	73	28AF	3554	7528

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0011	11	—	15	987	N	SW	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	MC	SA	S	FT	181	—	12	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	02173	—	—	—

58
30
88

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	35° 54'	75° 28'	1454	2968	11		1156	1158
							PU	ON
FINISH	35° 54'	75° 25'	1460	2963	11		1228	1232

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	135 P/S	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive

R/V DAN MOORE SPECIES LIST - FINFISH

STATION NUMBER 2271

CODE	SPECIES	NO.	WEIGHT	SIZE	
	Alosa aestivalis	3000	1800		
	Alosa pseudoharengus	5,000	1200		
	Alosa sapidissima	3	3		
	Bairdella chrysura				
	Brevoortia tyrannus				
	Carcharias taurus				
	Centropristes straitus				
	Centropristes philadelphicus				
	Citharichthys arctifrons				
	Clupea harengus				
	Cynoscion nebulosus				
	Cynoscion regalis	5	20		
	Etrumeus sadina				
	Lagodon rhomboides				
	Larimus fasciatus				
	Leiostomus xanthurus				
	Lophius americanus				
	Menticirrhus americanus				
	Menticirrhus littoralis				
	Menticirrhus saxatilis				
	Micropogon undulatus				
	Monocanthus hispidus				
	Mustelus canis				
	Orthopristis chrysopterus				
	Paralichthys dentatus	2	3		
	Paralichthys lethostigma				
	Peprilus alepidotus				
	Peprilus paru				
	Pomatomous saltatrix				
	Poronotus triacanthus				
	Prionotus carolinus				
	Prionotus evolans				
	Raja eglanteria	10	20		
	Raja erinacea				
	Raja garmani				
	Roccus saxatilis				
	Scomberomorous cavalla				
	Scomberomorous maculatus				
	Sphaeroides maculatus				
	Stenotomus chrysops				
	Synodus foetens				
	Squalus acanthias	25	125		
	Squatina dumerili				
	Urophycis regius				

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2269+2270+2271

Date 4/3/73

Area of Release 7 mi NE of Oregon Inlet

LORAN Start 3AW 1454 3AS 7528

Finish 1460 7525

Tot. Fish Captured 10,665 (5070 BB, 5570 Al, 25 Am S)

Tot. Fish Tagged 525 (219 BB, 305 Al, 1 Am S)

No. Retained for analysis 2BB, 18 Al

Gear Type 181' Smith

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks	
					Yellowtail	
				Alewifes	B15544 – 15556	12
				Blue Back	15557 – 15635	79
				ALEWIFE	15636 – 15848	213
						305
						219
						524
					broken –	13
						213
						79
						305
						16
						79
						135
						218
					Holland	
				Alewifes	B 23420 – B23498	79
				Blue Back	B23499 – B23631	133
					B23633 – B23640	6
				American Shad	B23632 –	1
						219
					broken – B23595	

1228